



# VST Expression Maps for the Vienna Symphonic Library Wind Instruments

## Introduction

For using the contained VST Expression Maps, **Cubase 5.0.1 or higher** is required.

The VST Expression Maps included with this downloaded zip file are designed to work with the included presets for the following Vienna Instruments Collections:

**Woodwinds I+II**

**Brass I+II**

**Special Woodwinds and Special Brass**

**Saxophones**

**Recorders**

**Single Download Wind Instruments**

- You can add VST Expression Maps to existing projects by opening the VST Expression Map editor, then importing the desired map(s) – left column – and load a matching map into each instrument track or MIDI track (from the Cubase 5 track inspector).

The screenshot displays the VST Expression Setup dialog box in Cubase. The 'Expression Maps' section on the left lists available maps, with 'VSL High Woodwinds+Bras' highlighted and circled in red. The 'Sound Slots' section in the middle shows a table of remote keys and their corresponding articulations. The 'Output Mapping' section on the right shows a table of controller assignments. The 'Articulations' section at the bottom shows a table of articulation types and descriptions.

Remote	Name	Art. 1	Art. 2	Art. 3	Art. 4	Co
D0	Sustain					>
B0	Accent					>
A#0	Sforzato					fp
	Fortepiano					fp
	Senza Vibrato			senza vib.		>
	Senza +Accent			senza vib.		>
	Senza +Sforza			senza vib.		fp
D#0	Senza +Fortep			senza vib.		fp
	Con vibrato			con vib.		>
	Con Vi+Accent			con vib.		>
	Con Vi+Sforza			con vib.		fp
	Con Vi+Fortep			con vib.		fp
E0	Molto Vibrato			molto vib.		>
	Molto +Accent			molto vib.		>
	Molto +Sforza			molto vib.		fp
	Molto +Fortep			molto vib.		fp
F0	Progressive Vib.			progressive		>
	Progre+Accent			progressive		>
	Progre+Sforza			progressive		fp
	Progre+Fortep			progressive		fp
C0	Staccato	.	.	.	.	>
	Stacc+Accent	.	.	.	.	>
	Stacc+Sforz	.	.	.	.	fp
	Staccatissimo	∨	∨	∨	∨	>
	Staccatis+Accent	∨	∨	∨	∨	>

Art.	Type	Description	Group
legato	Direction	Legato	1
marcato	Direction	Marcato	1
portamento	Direction	portamento	1
glissando	Direction	Glissando	1
non legato	Attribute	Non legato	1
trill 1	Attribute	Trill 1	1
trill 2	Attribute	Trill 2	1
fluttertongue	Attribute	Fluttertongue	1
slap	Attribute	Slap	1
staccato	Attribute	Staccato	2
staccatissimo	Attribute	Staccatissimo	2
portato	Attribute	Portato	2

- Integrate VST Expression Maps to existing track presets or create new track presets (instrument or MIDI tracks). This way, a sound can be loaded as a complete channel strip including the Expression Map and other settings. Track Presets can be conveniently managed in the Cubase MediaBay.
- Include VST Expression Maps in project templates and update your existing project templates with VST Expression Maps. Unused maps can still be loaded in the VST Expression Map Editor for later use.

**IMPORTANT:** To load the Vienna Instruments VST Expression Presets, move them to your VSL Custom Data folder. This way they will show up in your Vienna Instruments Interface.



# Included Expression Maps

## VSL High Woodwinds+Brass

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This Expression Map can be used with the included presets for the following instruments:

- All Flutes
- All Oboes (incl. English Horn and Heckelphone)
- Clarinet in Eb and Bb
- Clarinet Ensemble
- Bass Horn
- Soprano, Alto, Tenor and Baritone Saxophone
- All Recorders
- All Trumpets
- Alto and Tenor Trombone

## VSL Low Woodwinds+Brass

This Expression Map can be used with the included presets for the following instruments:

- Bass and Contrabass Clarinet
- All Bassoons
- Bass Saxophone
- All Horns (incl. Wagner Tuba)
- Bass and Contrabass Trombone
- Cimbasso
- All Tubas (incl. Euphonium)

# List of included articulations

- **Staccato-Repetitions:** fast and slow with Speed control
- **Portato-Repetitions:** fast and slow with Speed control
- **Sustain:** senza vibrato, con vibrato, molto vibrato (some instruments), progressive vibrato (some instruments)
- **Marcato:** fast and slow with Speed control; senza and con vibrato (some instruments)
- **Legato:** fast and slow with Speed control; senza and con vibrato
- **Fortepiano**
- **Sforzato**
- **Blare** (Horns)
- **Trills** (some instruments): halfnote and wholetone
- **Fluttertongue**
- **Portamento** (some instruments)
- **Glissando** (some instruments)
- **Slap** (Flute, Saxophones)

# Additional remarks

## RAM usage

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Be aware that the presets need up to 401 MB RAM each.

In order to save RAM it is possible to remove the "...Special" matrices (containing trills, fluttertongue, portamento, glissando and slap) of those instruments where you don't need the special articulations for a particular project. VI Pro users can simply disable cells and matrices they don't need.

## Articulations

Not all articulations are available for every instrument. In case you choose an articulation which is not available, the closest match will be triggered. There's only one exception: some instruments don't have prerecorded trills. If you choose a trill for one of these instruments, it will remain silent.

## Closing words

We hope that this introduction was helpful during your first steps with VST Expression and our Vienna Instruments Presets and Expression Maps!

If you're not familiar with the Vienna Instruments and Vienna Ensemble, or just want to make sure, please have a look at the Vienna Instruments and Vienna Ensemble manuals in your [User Area](#)! And if they don't provide the information you need, feel free to post your questions at <http://community.vsl.co.at/forums/> or send an e-mail to [support@vsl.co.at](mailto:support@vsl.co.at).

We wish you a good time with the Vienna Instruments and the VST Expression Maps!

Your Vienna Symphonic Library Team